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Claim 1 (amended). A method of applying liquid or pasty substances to a backing material, the substance being applied by means of a die at least partly to the backing material traveling along on the die, wherein,

- the die body is bent transversely to the direction of travel of the backing material
- and
- the bending is induced by temperature differences within the die body.

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Claim 7 (twice amended). The method as claimed in claim 1, wherein the backing material is guided along an apparatus which produces counterpressure.

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Claim 11 (twice amended). The method as claimed in claim 1, wherein the substance is a solution, dispersion, prepolymer or thermoplastic polymer.

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Claim 12 (twice amended). The method as claimed in claim 1, wherein the backing material is a roll or belt having an adhesive surface.

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Claim 13 (amended). The method as claimed in claim 12, wherein said adhesive surface comprises a coating of silicone or fluorine compounds or plasma-coated release systems.

Please add the following:

--Claim 14. The method of claim 1, wherein said substances are thermoplastics.

Claim 15. The method of claim 7, wherein said apparatus which produces counterpressure is a roll.

Claim 16. The method of claim 11, wherein said solution, dispersion, prepolymer or thermoplastic polymer is a hot-melt pressure-sensitive adhesive.

Claim 17. The method of claim 12, wherein said coating is applied at a weight per unit area of from 0.001 g/m² to 3 000 g/m²

Claim 18. The method of claim 17, wherein said coating is applied at a weight per unit area of from 100 g/m² to 2,000 g/m².-

REMARKS

This application pertains to a novel method of applying liquid or pasty substances to a backing material, using a die which is bent transversely to the direction of travel of